

Dev

1641

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/905,293

DATE: 01/28/99  
TIME: 12:12:21

INPUT SET: S30969.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information  
4  
5 (i) APPLICANT: Yelton, Dale E.  
6 Rosok, Mae Joanne  
7  
8 (ii) TITLE OF THE INVENTION: A METHOD FOR INHIBITING IMMUNOGLOBULIN-  
9  
10 (iii) NUMBER OF SEQUENCES: 27  
11  
12 (iv) CORRESPONDENCE ADDRESS:  
13 (A) ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt  
14 (B) STREET: 11150 Santa Monica Boulevard, Suite 400  
15 (C) CITY: Los Angeles  
16 (D) STATE: CA  
17 (E) COUNTRY: USA  
18 (F) ZIP: 90025  
19  
20 (v) COMPUTER READABLE FORM:  
21 (A) MEDIUM TYPE: Diskette  
22 (B) COMPUTER: IBM Compatible  
23 (C) OPERATING SYSTEM: DOS  
24 (D) SOFTWARE: FastSEQ for Windows Version 2.0  
25  
26 (vi) CURRENT APPLICATION DATA:  
27 (A) APPLICATION NUMBER: 08/905,293  
28 (B) FILING DATE: 01-AUG-1997  
29 (C) CLASSIFICATION:  
30  
31 (vii) PRIOR APPLICATION DATA:  
32 (A) APPLICATION NUMBER: 60/023,033  
33 (B) FILING DATE: 02-AUG-1996  
34  
35  
36  
37 (viii) ATTORNEY/AGENT INFORMATION:  
38 (A) NAME: Canady, Karen S  
39 (B) REGISTRATION NUMBER: 39,927  
40 (C) REFERENCE/DOCKET NUMBER: 30436.43USU1  
41  
42 (ix) TELECOMMUNICATION INFORMATION:  
43 (A) TELEPHONE: 310-445-1140  
44 (B) TELEFAX: 310-445-9031  
45 (C) TELEX:  
46

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/905,293DATE: 01/28/99  
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47  
48 (2) INFORMATION FOR SEQ ID NO:1:  
49  
50 (i) SEQUENCE CHARACTERISTICS:  
51 (A) LENGTH: 36 base pairs  
52 (B) TYPE: nucleic acid  
53 (C) STRANDEDNESS: single  
54 (D) TOPOLOGY: linear  
55  
56 (ii) MOLECULE TYPE: cDNA  
57  
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
59  
60 TGGCACCAGAA AGCTTTCTGG GGCAGGCCAG GCCTGA 36  
61  
62 (2) INFORMATION FOR SEQ ID NO:2:  
63  
64 (i) SEQUENCE CHARACTERISTICS:  
65 (A) LENGTH: 57 base pairs  
66 (B) TYPE: nucleic acid  
67 (C) STRANDEDNESS: single  
68 (D) TOPOLOGY: linear  
69  
70 (ii) MOLECULE TYPE: cDNA  
71  
72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
73  
74 TCCGGACATG TTGGTACCCA CGTGGTGGTC GACGCTGAGC CTGGCTTCGA GCAGACA 57  
75  
76 (2) INFORMATION FOR SEQ ID NO:3:  
77  
78 (i) SEQUENCE CHARACTERISTICS:  
79 (A) LENGTH: 55 base pairs  
80 (B) TYPE: nucleic acid  
81 (C) STRANDEDNESS: single  
82 (D) TOPOLOGY: linear  
83  
84 (ii) MOLECULE TYPE: cDNA  
85  
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
87  
88 GTCGACCACC ACGTGGGTAC CAACATGTCC GGAGCCACAT GGACAGAGGC CGGCT 55  
89  
90 (2) INFORMATION FOR SEQ ID NO:4:  
91  
92 (i) SEQUENCE CHARACTERISTICS:  
93 (A) LENGTH: 30 base pairs  
94 (B) TYPE: nucleic acid  
95 (C) STRANDEDNESS: single  
96 (D) TOPOLOGY: linear  
97  
98 (ii) MOLECULE TYPE: cDNA  
99

RAW SEQUENCE LISTING  
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100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
101  
102 CTGGTTCTTG GTCATCTCCT CTCTAGATGG 30  
103  
104 (2) INFORMATION FOR SEQ ID NO:5:  
105  
106 (i) SEQUENCE CHARACTERISTICS:  
107 (A) LENGTH: 36 base pairs  
108 (B) TYPE: nucleic acid  
109 (C) STRANDEDNESS: single  
110 (D) TOPOLOGY: linear  
111  
112 (ii) MOLECULE TYPE: cDNA  
113  
114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
115  
116 ACCATGGTCG ACCTCAGACC TGCCAAGAGC CATATC 36  
117  
118 (2) INFORMATION FOR SEQ ID NO:6:  
119  
120 (i) SEQUENCE CHARACTERISTICS:  
121 (A) LENGTH: 40 base pairs  
122 (B) TYPE: nucleic acid  
123 (C) STRANDEDNESS: single  
124 (D) TOPOLOGY: linear  
125  
126 (ii) MOLECULE TYPE: cDNA  
127  
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
129  
130 CATGGTCACG TGGTGTGTCC CTGGATGCAG GCTACTCTAG 40  
131  
132 (2) INFORMATION FOR SEQ ID NO:7:  
133  
134 (i) SEQUENCE CHARACTERISTICS:  
135 (A) LENGTH: 49 base pairs  
136 (B) TYPE: nucleic acid  
137 (C) STRANDEDNESS: single  
138 (D) TOPOLOGY: linear  
139  
140 (ii) MOLECULE TYPE: cDNA  
141  
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
143  
144 CAGGGAGGGA GGGTGTCTGC TGGAAGCCAG GCTCAGCGCT GACCTCAGA 49  
145  
146 (2) INFORMATION FOR SEQ ID NO:8:  
147  
148 (i) SEQUENCE CHARACTERISTICS:  
149 (A) LENGTH: 50 base pairs  
150 (B) TYPE: nucleic acid  
151 (C) STRANDEDNESS: single  
152 (D) TOPOLOGY: linear

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153  
154 (ii) MOLECULE TYPE: cDNA  
155  
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
157  
158 GGAAAGAACC ATCACAGTCT CGCAGGGGCC CAGGGCAGCG CTGGGTGCTT 50  
159  
160 (2) INFORMATION FOR SEQ ID NO:9:  
161  
162 (i) SEQUENCE CHARACTERISTICS:  
163 (A) LENGTH: 8691 base pairs  
164 (B) TYPE: nucleic acid  
165 (C) STRANDEDNESS: single  
166 (D) TOPOLOGY: linear  
167  
168 (ii) MOLECULE TYPE: cDNA  
169  
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
171  
172 GACGGATCGG GAGATCTGCT AGGTGACCTG AGGCGCGCCG GCTTCGAATA GCCAGAGTAA 60  
173 CCTTTTCTTT TAATTTTATT TTATTTTATT TTTGAGATGG AGTTTGGCGC CGATCTCCCG 120  
174 ATCCCTTATG GTCGACTCTC AGTACAACTCT GCTCTGATGC CGCATAGTTA AGCCAGTATC 180  
175 TGCTCCCTGC TTGTGTGTTG GAGGTCGCTG AGTAGTGCGC GAGCAAAATT TAAGCTACAA 240  
176 CAAGGCAAGG CTTGACCGAC AATTGCATGA AGAATCTGCT TAGGGTTAGG CGTTTTGCGC 300  
177 TGCTTCGCGA TGTACGGGCC AGATATACGC GTTGACATTG ATTATTGACT AGTTATTAAT 360  
178 AGTAATCAAT TACGGGGTCA TTAGTTTATA GCCCATATAT GGAGTTCCGC GTTACATAAC 420  
179 TTACGGTAAA TGGCCCCGCT GGTGACCGC CCAACGACCC CCGCCCATTTG ACGTCAATAA 480  
180 TGACGTATGT TCCCATAGTA ACGCCAATAG GGACTTTCCA TTGACGTCAA TGGGTGGACT 540  
181 ATTTACGGTA AACTGCCCCAC TTGGCAGTAC ATCAAGTGTA TCATATGCCA AGTACGCCCC 600  
182 CTATTGACGT CAATGACGGT AAATGGCCCC CCTGGCATTA TGCCCAGTAC ATGACCTTAT 660  
183 GGGACTTTCC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC ATGGTGATGC 720  
184 GGTTTTGGCA GTACATCAAT GGGCGTGGAT AGCGGTTTGA CTCACGGGGA TTTCCAAGTC 780  
185 TCCACCCCAT TGACGTCAAT GGGAGTTTGT TTTGGCACCA AAATCAACGG GACTTTCCAA 840  
186 AATGTCGTAA CAACTCCGCC CCATTGACGC AAATGGGCGG TAGGCGTGTA CGGTGGGAGG 900  
187 TCTATATAAG CAGAGCTCTC TGGCTAACTA GAGAACCCAC TGCTTACTGG CTTATCGAAA 960  
188 TTAATACGAC TCACTATAGG GAGACCCAAG CTTGGTACCA ATTTAAATTG ATATCTCCTT 1020  
189 AGGTCTCGAG TCTCTAGATA ACCGGTCAAT CGATTGGAAT TCTTGCGGCC GCTTGCTAGC 1080  
190 CACCATGGAG TTGTGGTTAA GCTTGGTCCCT TCCTTGTCCCT TGTTTTAAAA GGTGTCCAGT 1140  
191 GTGAAGTGAA TCTGGTGGAG TCTGGGGGAG GCTTAGTGCA GCCTGGAGGG TCCCTGAAAG 1200  
192 TCTCCTGTGT AACCTCTGGA TTCACTTTCA GTGACTATTA CATGTATTGG GTTCGCCAGA 1260  
193 CTCCAGAGAA GAGGCTGGAG TGGGTCGCAT ACATTAGTCA AGGTGGTGAT ATAACCGACT 1320  
194 ATCCAGACAC TGTAAGGGGT CGATTACCA TCTCCAGAGA CAATGCCAAG AACACCCTGT 1380  
195 ACCTGCAAAT GAGCCGTCTG AAGTCTGAGG ACACAGCCAT GTATTACTGT GCAAGAGGCC 1440  
196 TGGACGACGG GGCTTGGTTT GCTTACTGGG GCCAAGGGAC TCTGGTCACG GTCTCTGTAG 1500  
197 CTAGCACCAA GGGCCCATCG GTCTTCCCCC TGGCACCCCT CTCCAAGAGC ACCTCTGGGG 1560  
198 GCACAGCGGC CCTGGGCTGC CTGGTCAAGG ACTACTTCCC CGAACCAGGTG ACGGTGTCGT 1620  
199 GGAATCAGG CGCCCTGACC AGCGGCGTGC ACACCTTCCC GGCTGTCTTA CAGTCCCTCAG 1680  
200 GACTCTACTC CCTCAGCAGC GTGGTCACCG TGCCCTCCAG CAGCTTGGGC ACCCAGACCT 1740  
201 ACATCTGCAA CGTGAATCAC AAGCCCAGCA ACACCAAGGT GGACAAGAAA GTTGGTGAGA 1800  
202 GGCCAGACA GGGAGGGAGG GTGCTGCTG GAAGCCAGGC TCAGCGCTCC TGCCCTGGACG 1860  
203 CATCCCGGCT ATGCAGCCCC AGTCCAGGGC AGCAAGGCAG GCCCCGTCTG CCTCTTCACC 1920  
204 CGGAGGCCTC TGCCCGCCCC ACTCATGCTC AGGGAGAGGG TCTTCTGGCT TTTTCCCCAG 1980  
205 GCTCTGGGCA GGCACAGGCT AGGTGCCCTT AACCCAGGCC CTGCACACAA AGGGGCAGGT 2040

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206	GCTGGGCTCA	GACCTGCCAA	GAGCCATATC	CGGGAGGACC	CTGCCCCCTGA	CCTAAGCCCCA	2100
207	CCCCAAAGGC	CAAACCTCTCC	ACTCCCTCAG	CTCGGACACC	TTCTCTCCTC	CCAGATTCCA	2160
208	GTAAC TCCCA	ATCTTCTCTC	TGCAGAGCCC	AAATCTTG TG	ACAAAAC TCA	CACATGCCCA	2220
209	CCGTGCCCAG	GTAAGCCAGC	CCAGGCCCTCG	CCCTCCAGCT	CAAGGCGGGA	CAGGTGCCCT	2280
210	AGAGTAGCCT	GCATCCAGGG	ACAGGCCCCA	GCCGGGTGCT	GACACGTCCA	CCTCCATCTC	2340
211	TTCCCTCAGCA	CCTGAAC TCC	TGGGGGGACC	GTCAGTCTTC	CTCTTCCCCC	CAAAACCCAA	2400
212	GGACACCCCTC	ATGATCTCCC	GGACCCCTGA	GGTCACATGC	GTGGTGGTGG	ACGTGAGCCA	2460
213	CGAAGACCCCT	GAGGTCAAGT	TCAACTGGTA	CGTGGACGGC	GTGGAGGTGC	ATAATGCCAA	2520
214	GACAAAGCCG	CGGGAGGAGC	AGTACAACAG	CACGTACCGT	GTGGTCAGCG	TCCTCACCCT	2580
215	CCTGCACCAG	GACTGGCTGA	ATGGCAAGGA	GTACAAGTGC	AAGGTCTCCA	ACAAAGCCCT	2640
216	CCCAGCCCCC	ATCGAGAAAA	CCATCTCCAA	AGCCAAAGGT	GGGACCCGTG	GGGTGCCGAGG	2700
217	GCCACATGGA	CAGAGGCCGG	CTCGGCCAC	CCCTCTGCCCT	GAGAGTGACC	GCTGTACCAA	2760
218	CCCTCTGTCCC	TACAGGGCAG	CCCCGAGAAC	CACAGGTGTA	CACCC TGCCC	CCATCCCGGG	2820
219	ATGAGCTGAC	CAAGAACCAG	GTCAGCCTGA	CTTGCCCTGGT	CAAAGGCTTC	TATCCAGCG	2880
220	ACATCGCCGT	GGAGTGGGAG	AGCAATGGGC	AGCCGGAGAA	CAACTACAAG	ACCACGCCTC	2940
221	CCGTGCTGGA	CTCCGACGGC	TCCTTCTTCC	TCTACAGCAA	GCTCACC GTG	GACAAGAGCA	3000
222	GGTGGCAGCA	GGGGAACGTC	TTCTCATGCT	CCGTGATGCA	TGAGGCTCTG	CACAACC ACT	3060
223	ACACGCAGAA	GAGCCTCTCC	CTGTCTCCGG	GTAAATGAGT	GCGACGGCCG	GCAAGCCCCC	3120
224	GCTCCCCGGG	CTCTCGCGGT	CGCACGAGGA	TGCTTGGCAC	GTACCCCTTG	TACATACTTC	3180
225	CCGGGCGCCC	AGCATGGAAA	TAAAGCACCC	AGCGCTGCCC	TGGGCCCCTG	CGAGACTGTG	3240
226	ATGGTTCTTT	CCACGGGTCA	GGCCGAGTCT	GAGCCCTGAG	TGGCATGAGG	GAGGCAGAGC	3300
227	GGGTCCCACT	GTCCCCACAC	TGGCCCAAGC	TGTGCAGGTG	TGCCCTGGGCC	CCCTAGGGTG	3360
228	GGGCTCAGCC	AGGGGCTGCC	CTCGGCAGGG	TGGGGGATTT	GCCAGCGTGG	CCCTCCCTCC	3420
229	AGCAGCACCT	GCCCTGGGCT	GGGCCACGGG	AAGCCCTAGG	AGCCCTTGGG	GACAGACACA	3480
230	CAGCCCC TGC	CTCTGTAGGA	GACTGTCTTG	TTCTGTGAGC	GCCCC TGTCC	TCCCGACCTC	3540
231	CATGCCC ACT	CGGGGGCATG	CCTAGTCCAT	GTGCGTAGGG	ACAGGCCCTC	CCTCACCCAT	3600
232	CTACCCCCAC	GGCACTAACC	CCTGGCTGCC	CTGCCCAGCC	TCGCACCCGC	ATGGGGACAC	3660
233	AACCGACTCC	GGGGACATGC	ACTCTCGGGC	CTGTGGGAGG	GACTGGTGCA	GATGCCACACA	3720
234	CACACACTCA	GCCCAGACCC	GTTCAACAAA	CCCCGCACTG	AGGTTGGCCG	GCCACACGGC	3780
235	CACCACACAC	ACACGTGCAC	GCTTCACACA	CGGAGCCTCA	CCCGGGCGAA	CTGCACAGCA	3840
236	CCCAGACCAG	AGCAAGGTCC	TGCGACACGT	GAACACTCCT	CGGACACAGG	CCCCACGAG	3900
237	CCCCACGCGG	CACCTCAAGG	CCCACGAGCC	TCTCGGCAGC	TTCTCCACAT	GCTGACCTGC	3960
238	TCAGACAAAC	CCAGCCCTCC	TCTCACAAGG	GTGCCCC TGC	AGCCGCCACA	CACACACAGG	4020
239	GGATCACACA	CCACGTCAAG	TCCCTGGCCC	TGGCCCACTT	CCCAGTGCCG	CCCTTCCCTG	4080
240	CAGGACGGAT	CAGCCTCGAC	TGTGCCCTTCT	AGTTGCCAGC	CATCTGTTGT	TTGCCCTCC	4140
241	CCCGTGCCCTT	CTTTGACCCCT	GGAAGGTGCC	ACTCCCACTG	TCCTTTCTTA	ATAAAATGAG	4200
242	GAAATTGCAT	CGCATTGTCT	GAGTAGGTGT	CATTCTATTCT	TGGGGGGTGG	GGTGGGGCAG	4260
243	GACAGCAAGG	GGGAGGATTG	GGAAGACAAT	AGCAGGCATG	CTGGGGATGC	GGTGGGCTCT	4320
244	ATGGCTTCTG	AGGCGGAAAG	AACCAGCTGG	GGCTCTAGGG	GGTATCCCCA	CGCGCCCTGT	4380
245	AGCGGCGCAT	TAAGCGCGGC	GGGTGTGGTG	GTTACGCGCA	GCGTGACCGC	TACACTTGCC	4440
246	AGCGCCCTAG	CGCCCGCTCC	TTTCGCTTTTC	TTCCCTTCTCT	TTCTCGCCAC	GTTCGCGGGG	4500
247	CTCTCAAAA	AAGGGAAAAA	AAGCATGCAT	CTCAATTAGT	CAGCAACCAT	AGTCCCGCCC	4560
248	CTAACTCCGC	CCATCCCGCC	CCTAACTCCG	CCAGTTCCG	CCCATCTCTC	GCCCCATGGC	4620
249	TGACTAATTT	TTTTTTATTTA	TGCAGAGGCC	GAGGCCGCCCT	CGGCCCTCTGA	GCTATTCCAG	4680
250	AAGTAGTGAG	GAGGCTTTTTT	TGGAGGCCCTA	GGCTTTT TGCA	AAAAGCTTGG	ACAGCTCAGG	4740
251	GCTGCGATTT	CGCGCCAAAC	TTGACGGCAA	TCCTAGCGTG	AAGGCTGGTA	GGATTTTATC	4800
252	CCCGCTGCCA	TCATGGTTCTG	ACCATTTGAAC	TGCATCGTCTG	CCGTGTCCCA	AAATATGGGG	4860
253	ATTGGCAAGA	ACGGAGACCT	ACCC TGGCCT	CCGCTCAGGA	ACGAGTTCAA	GTACTTCCAA	4920
254	AGAATGACCA	CAACCTCTTC	AGTGGAAGGT	AAACAGAATC	TGGTGATTAT	GGGTAGGAAA	4980
255	ACCTGGTTCT	CCATTCC TGA	GAAGAATCGA	CCTTTAAAGG	ACAGAATTAA	TATAGTTCTC	5040
256	AGTAGAGAAC	TCAAAGAACC	ACCACGAGGA	GCTCATTTTTT	TTGCCAAAAG	TTTGGATGAT	5100
257	GCCTTAAGAC	TTATTGAACA	ACCGGAATTG	GCAAGTAAAG	TAGACATGGT	TTGGATAGTC	5160
258	GGAGGCAGTT	CTGTTTACCA	GGAAGCCATG	AATCAACCAG	GCCACCTTAG	ACTCTTTGTG	5220

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/905,293**

DATE: 01/28/99  
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Original Text